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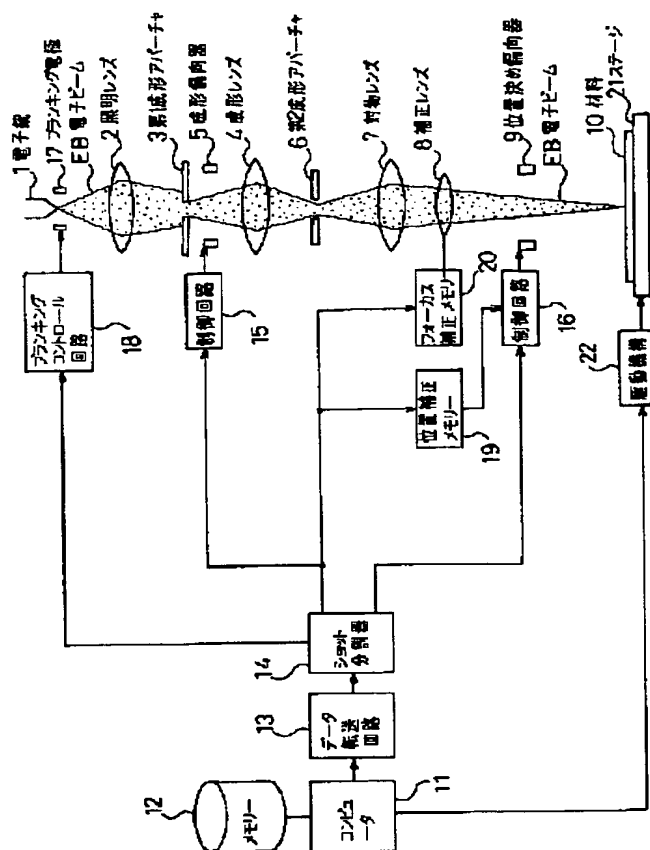
APPLICATION DATE : 24-03-95
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APPLICANT : JEOL LTD;

INVENTOR : KOMAGATA TADASHI;

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TITLE : CHARGED PARTICLE BEAM DRAWING
DEVICE



ABSTRACT : PURPOSE: To provide a charged particle beam drawing device wherein the influence of beam fuzziness due to variation in beam size is greatly reduced, in variable-area type charged particle beam drawing.

CONSTITUTION: A focus correction table is contained in a focus correction memory 20, and in this table, correction values of the focus corresponding to beam sizes in X and Y directions are stored. So the focus correction memory 20 reads the correction values corresponding to the beam sizes in X and Y directions out of a shot division device 14, and supplies the correction signal corresponding to the correction value to a focus correction lens 8. As a result, a material 10 is always irradiated with the electron beam that is in focus, regardless of beam size.

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